

Order 12092



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3393-041

Job Sheet 189131



Part No: D3393-041

Job Qty: 4 pcs

Part Name: Battery Lock



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/18/19

Job Tracking No:

Due Date: 2/28/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG D3393 REV A IPP Rev:A New Issue 05-11-22 JLM

Ship Via:

ALike

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - 1	4 pcs	2/28/19		0.00	1.15	Small Fab - 1	DAS 58 9-89	
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
110	Large Fab - Welded Assy-2-B4B	4 pcs	2/28/19		0.00	0.42	Large Fab - 1 - B4B		JBL
							Large Fab - 10 - B4B		
							Large Fab - 2 - B4B		
							Large Fab - 3 - B4B		
							Large Fab - 4 - B4B		
							Large Fab - 5 - B4B		
							Large Fab - 6 - B4B		
							Large Fab - 7 - B4B		
							Large Fab - 8 - B4B		
120	QC 9	4 pcs	2/28/19		0.00	0.00	QC 9 - 10		DAS 58 FEB 11 2019 9-89
							QC 9 - 18		
							QC 9 - 24		
							QC 9 - 43		
							QC 9 - 50		
							QC 9 - 9		
130	Small Fab - 2 - B4B	4 pcs	2/28/19		0.00	1.15	Small Fab - 1 - B4B		
							Small Fab - 2 - B4B		
							Small Fab - 3 - B4B		
							Small Fab - 4 - B4B		
							Small Fab - 5 - B4B		
							Small Fab - 6 - B4B		
							Small Fab - 7 - B4B		

DART
AEROSPACE

Container No: S146770

Part: D3393--041

Job No: 189131

Serial No/ Batch: S146770

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

DART Aerospace Ltd.
1270 Aberdeen Street
Hamilton, ON K6A 1K7
TEL: 1 813 832-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/22/19

140 QC 5

4
pcs

2/28/19 0.00 0.00

QC 5 - 10

QC 5 - 12

QC 5 - 17

QC 5 - 18

QC 5 - 19

QC 5 - 22

QC 5 - 24

QC 5 - 3

QC 5 - 38

QC 5 - 42

QC 5 - 43

QC 5 - 49

QC 5 - 51

QC 5 - 58

QC 5 - 68

QC 5 - 9

QC 5 - 50

QC 5 - 30

DAS

FEB 12 2019 68

9-89

150 Packaging 3-1 - Stock - B4B

4
pcs

2/28/19 0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

Packaging 3 - 7 - B4B

Packaging 3 - 8 - B4B

Packaging 3 - 9 - B4B

Packaging 3 - 10 -
B4BPackaging 3 - 11 -
B4BPackaging 3 - 12 -
B4BPackaging 3 - 13 -
B4BPackaging 3 - 14 -
B4BPackaging 3 - 15 -
B4BPackaging 3 - 16 -
B4BPackaging 3 - 17 -
B4BPackaging 3 - 18 -
B4BPackaging 3 - 19 -
B4BPackaging 3 - 20 -
B4BPackaging 3 - 21 -
B4BPackaging 3 - 22 -
B4BPackaging 3 - 23 -
B4BPackaging 3 - 24 -
B4BPackaging 3 - 25 -
B4BPackaging 3 - 26 -
B4B

Packaging 3 - 27 -

DAS

FEB 12 2019 68

9-89

5/501

				B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
160 QC 21 - SA	4	2/28/19	0.00 0.00	QC 21 - SA - 21	DAS
	pcs			QC 21 - SA - 70	21 FEB 12 2019

Part Op **100** - (Small Fab) ATTN: - CHECK IF KEYED ALIKE OR KEYED DIFFERENT 1-Open D3373-1 lock package. Keep keys, Descriptions: lock body, lock body nut, flat cam and lock barrel. Discard the rest. Identify as D3369-5 3-Assemble D3393-041 as per Dwg D3393. Insert lock body and fasten
110 - (Weld per dwg A/R S.S. rod Batch: _____) Tack Weld lock shaft to flat cam of a Max 1/8" Long QtyPart Number Description Batch A/RN/A SS Rod _____
120 - (QC9- Inspect visual per QSI004- Fusion Welds)
130 - (Small Fab) Apply Crazy Glue to cap and press into Body 9567K21 Batch: _____
140 - (QC5- Inspect part completeness to step on W/O)
150 - (Identify as per dwg & Stock Location: _____)
160 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
5/16WC	Washer GA119	8 Ea (2 ea)	100-Small Fab - 1	5104724
9567K21	Polyethelene Cap GA001	8 Ea (2 ea)	100-Small Fab - 1	5019013
D2728-7	Dart Logo Label GA129	4 (1 ea)	100-Small Fab - 1	F133594
D3369-5	Spacer GA129	4 pcs (1 ea)	100-Small Fab - 1	F1174862
D3373-1	Cam Lock	4 pcs (1 ea)	100-Small Fab - 1	5108644
D3393-1	Battery Lock Casing	4 pcs (1 ea)	100-Small Fab - 1	5019426
D3393-3	Cam Lock Shaft	4 pcs (1 ea)	130-Small Fab - 2 - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - 1	5/16WC	8	1,055	0
	9567K21	8	69	0
	D2728-7	4	0	0
	D3369-5	4	16	0
	D3373-1	4	12	0
	D3393-1	4	4	0
130-Small Fab - 2 - B4B	D3393-3	4	6	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

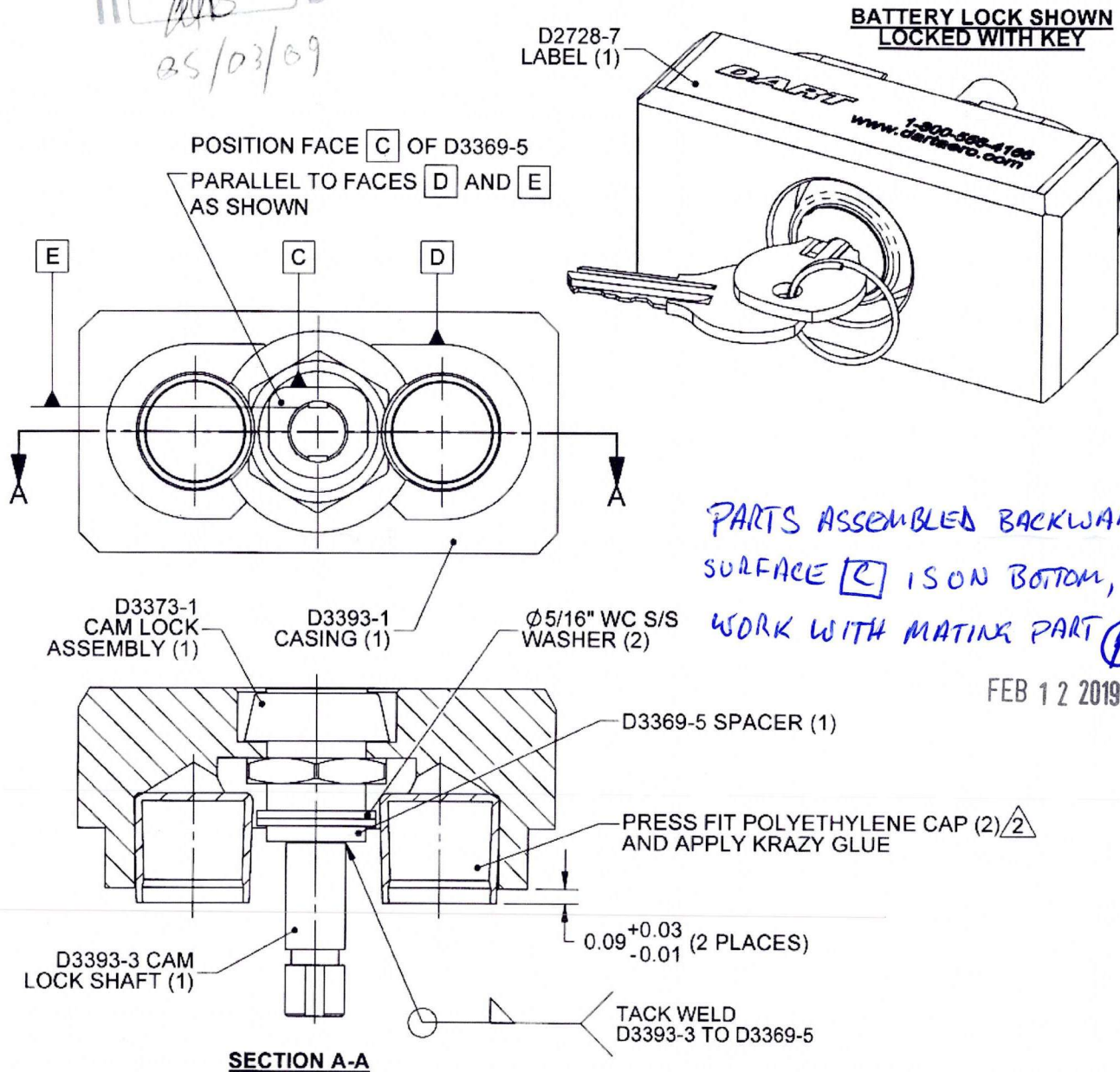
Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

DART

DESIGN H3	DRAWN BY H3	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED RT	APPROVED H3	DRAWING NO. D3393	REV. A SHEET 1 OF 3
DATE 05.02.08		TITLE BATTERY LOCK	SCALE 1:1
A	05.02.08	NEW ISSUE	

RELEASED
05/03/09



D3393-041 BATTERY LOCK ASSEMBLY

NOTES:

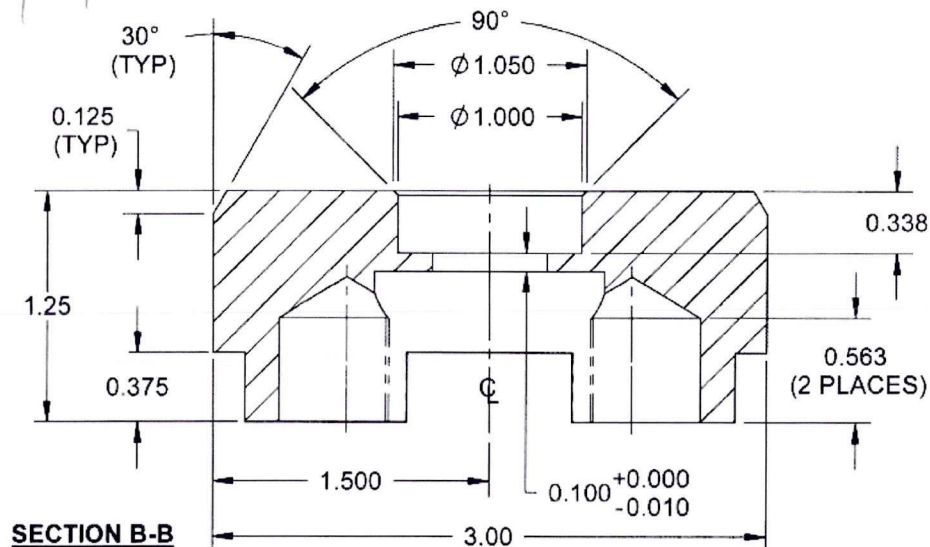
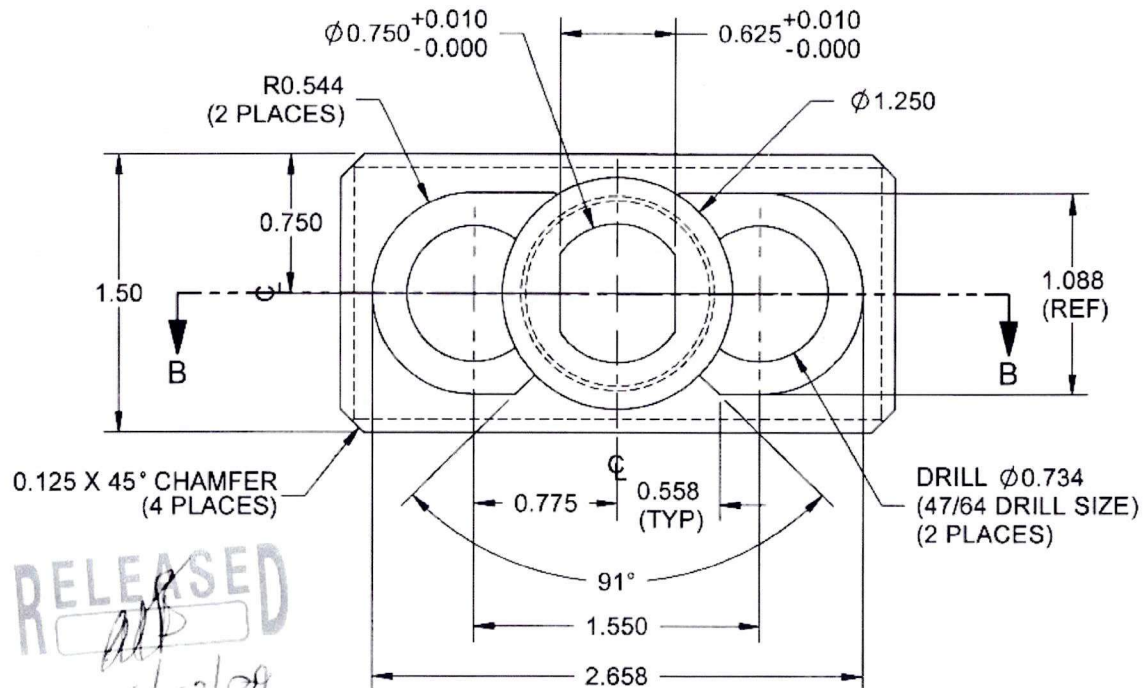
- 1) WELD PER DART QSI 004
- 2) POSSIBLE SUPPLIER: McMASTER-CARR, P/N 9567K21

COPYRIGHT © 2005 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3393	REV. A
DATE 05.02.09		TITLE BATTERY LOCK	SHEET 2 OF 3
			SCALE 1:1

**D3393-1 CASING****NOTES:**

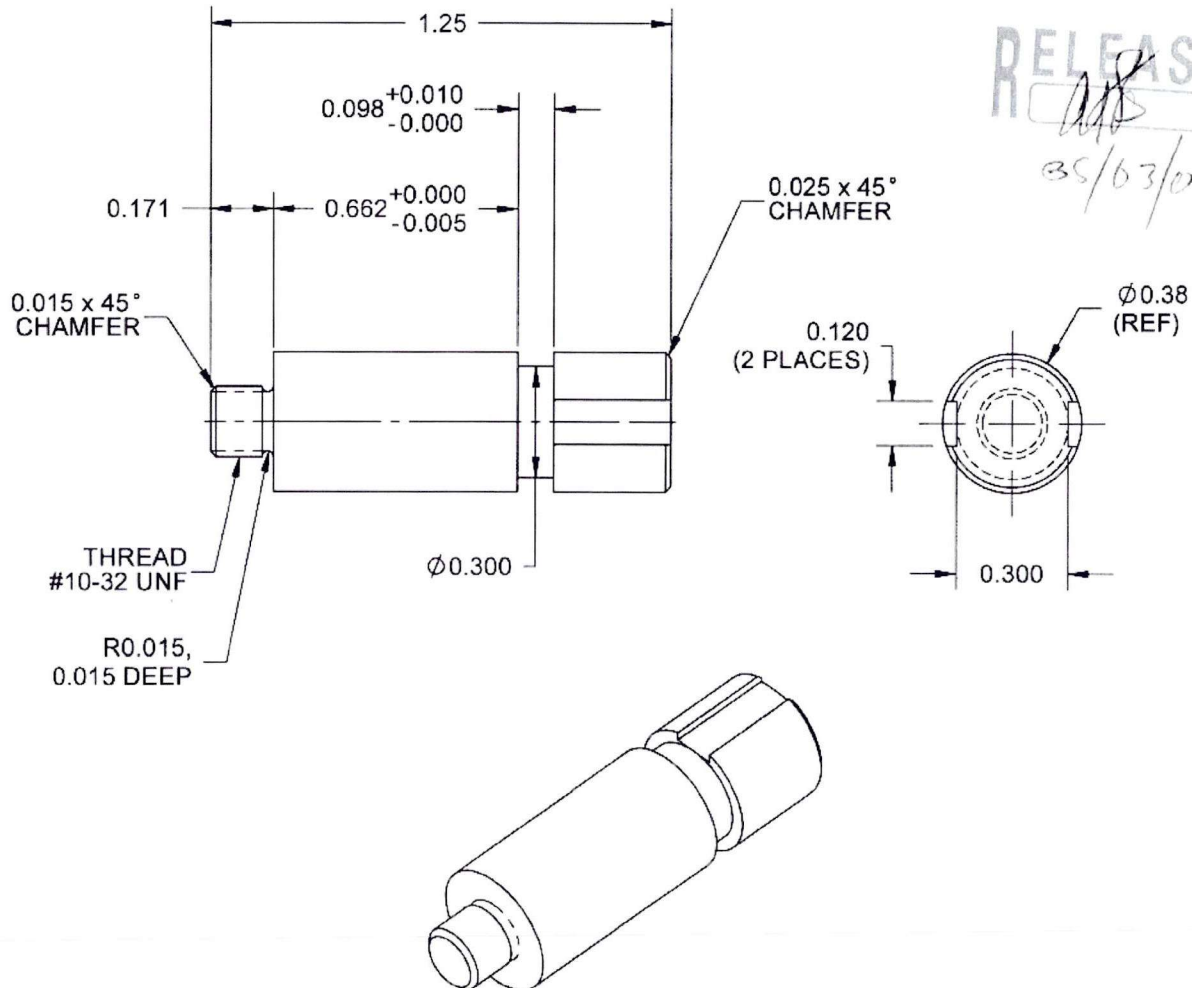
- 1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8)
(REF. DART SPEC. M6061T6B)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

COPYRIGHT © 2005 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3393	REV. A SHEET 3 OF 3
DATE 05.02.09		TITLE BATTERY LOCK	SCALE 2:1



D3393-3 CAM LOCK SHAFT

NOTES:

- 1) MATERIAL: AISI 303 S.S. (REF. DART SPEC. M303R0.375)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

COPYRIGHT © 2005 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					